

Dell PowerEdge T40 Projekt mit Windows Server 2022



Testumgebung: Dell PowerEdge T40

Intel Xeon E-2224G quad-core (4 cores) @ 3.5 - 4.7 GHz CPU

Intel UHD Graphics P630 / NVIDIA Quadro P400 GPU, 2GB GDDR5, 1070MHz, 64bit

32 GB RAM @ 2666 MHz ECC – 2x 16 GB DDR4-3200 UDIMM ECC

Optical Drive: Slim 9.5 mm SATA DVD+/-RW drive

1x 960 GB SSD Samsung PM883 Data Center SATA

1x 1.92 TB SSD Kingston DC1500M Data Center NVMe U.2

1x 2 TB SSD Crucial MX500 2.5 Zoll SATA

1x 8 TB HDD Toshiba Enterprise Capacity 3.5" SATA3 (max.6 GBit/s)

1x 1GbE Intel RJ45 Port, 1x 10GbE TRENDnet RJ45 Port

Windows Server 2022 Essentials/Standard mit Active Directory Domain Services

Rollendienste: DNS-Server, DHCP-Server, Windows Server Sicherung u. a.

Features: Organisationseinheiten, Ordnerumleitung, Deploy Printer Connections u. a.

Microsoft Azure AD Connect / Microsoft Azure ARC-enabled Server



All	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	539.93	511.07
SEQ1M Q1T1	525.36	479.01
RND4K Q32T1	382.72	311.45
RND4K Q1T1	31.55	102.57

1* 960 GB SSD Samsung Data Center SATA (OS-Disk)

All	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	3527.71	3008.86
SEQ1M Q1T1	2098.93	2737.55
RND4K Q32T1	957.24	670.60
RND4K Q1T1	46.33	261.10

1* 1.92 TB SSD Kingston NVMe U.2 (Data-Disk01)

All	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	559.35	498.94
SEQ1M Q1T1	543.37	477.12
RND4K Q32T1	373.26	319.10
RND4K Q1T1	35.31	80.61

1* 2 TB SSD Crucial SATA (Data-Disk02)

All	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	271.36	259.38
SEQ1M Q1T1	271.00	262.38
RND4K Q32T1	2.57	1.86
RND4K Q1T1	0.80	1.94

1* 8 TB HDD Toshiba SATA (Backup-Disk)